



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

30 Jul 2008

Construction Report

Foundation Grouting

Boart Longyear continued drilling (overburden) and installing casing using the sonic method. Boart is running 1 rig on the platform doing instrumentation work. There are a total of 1341 holes in overburden, drilled and cased.

Production rock drilling (with 1 Cubex drill) on the work platform continued this week, as well as pressure washing, pressure testing, and grouting operations in all areas except Critical Area I.

ACT/Boart Longyear has temporarily suspended working on V-Line treatment in order to concentrate on initial line closure; 8 of the 9 V-Line holes have been completed.

Exploratory drilling on US127 continues in Critical Area I through Arcadis and a Boart sonic rig. Additional exploratory drilling and instrumentation installation in this area will take place on the crest of the dam, the work platform, and the downstream embankment.

There is a total of over 838,000 gallons of grout in 1317 holes along the embankment. To date, over 843,513 gallons of grout have been pumped into the foundation in all areas.



Arcadis-Boart Longyear installs a piezometer on the downstream side of the embankment.

This Week's Activities

- Continue rock production and core drilling; instrumentation is being installed
- Continue some pressure testing and grouting in all areas except Critical Area I
- Continue exploratory drilling on US127, the work platform, and the downstream embankment in Critical Area I

Water Management Report

Lake Cumberland elevation on 7/30/08 was 681.06 ft. The lake elevation is expected to continue falling slowly. A 60 percent probability of .5 to 1.0 inch of rain over the Lake Cumberland basin is forecast for the next two days.

Lake Cumberland Elevation

681.06

Time: 0600

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